





Focus Occupation: **Electrical and Electronic Engineering Technicians (17-3023)**

Focus occupation: Electrical and Electronic Engineering Technicians 	
Employment and Growth	556/ 7.5%
Ave. Monthly Wage	\$6,130
Education/Experience	Associate degree

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Electronics Engineers, Except Computer (17-2072)	3	92/ 7.0%	BA	98
Electrical Engineers (17-2071)	2	285/ 7.5%	BA	76
Mechanical Engineers  (17-2141)	2	326/ 6.2%	BA	75
Aerospace Engineering and Operations Technicians (17-3021)	1	29/ 16.0%	AA	79
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095)	1	128/ 6.7%	VOC	72

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Electrical and Electronics Drafters (17-3012)	0	35/ 6.1%	AA	77
Engineering Technicians, Except Drafters, All Other (17-3029)	0	518/ 7.2%	AA	83
Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)	0	782/ 7.7%	VOC	76

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Electrical and Electronics Repairers, Commercial and Industrial Equipment  (49-2094)	-1	225/ 3.7%	VOC	74
Electricians  (47-2111)	-1	2,348/ 8.6%	HS	77
Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)	-2	137/ 7.9%	HS	73
Electro-Mechanical Technicians (17-3024)	-2	129/ 9.3%	AA	93
Industrial Engineering Technicians (17-3026)	-2	58/ 11.5%	AA	81

Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	-3	157/ 4.0%	VOC	78
Service Unit Operators, Oil, Gas, and Mining (47-5013)	-4	899/ 6.8%	Any	70

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.